

Southern California Task Force Project Updates

Los Angeles World Airports
Noise Management Bureau

Data Used for Analysis

- **Short Range data**
 - 8 miles / 10,000 feet
 - Monthly through May 99
- **Long Range data**
 - 30 miles / 20,000 feet data range for special studies
 - Two Weeks in April 98 set as baseline
 - One week in August 98, January 99, March 99 and June 99 provide updates

No Early Turn Before Shoreline

Aircraft departing to west to maintain runway heading past shoreline before turning south

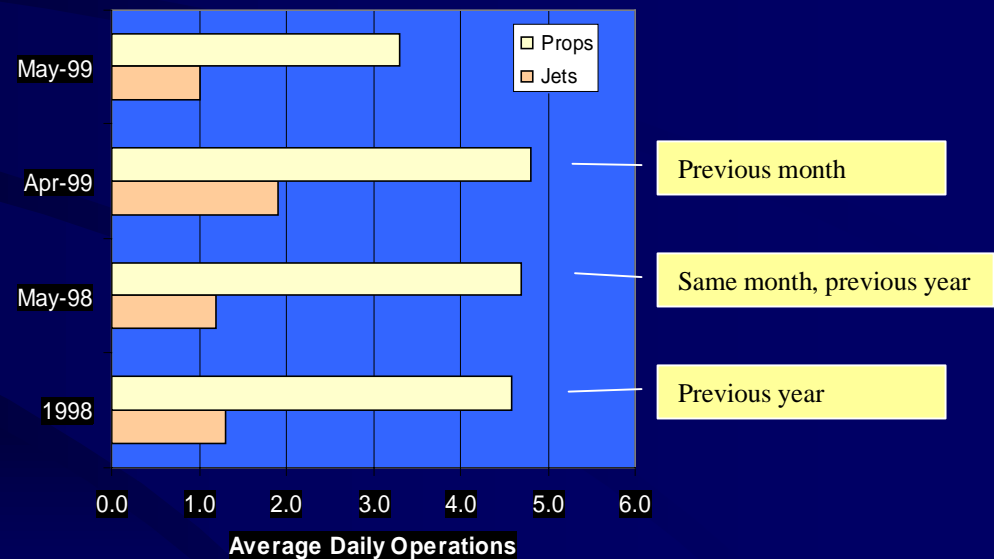


Recent Compliance

May-99

99.6%

Historical Performance (average day):



No Early Turn Before Shoreline

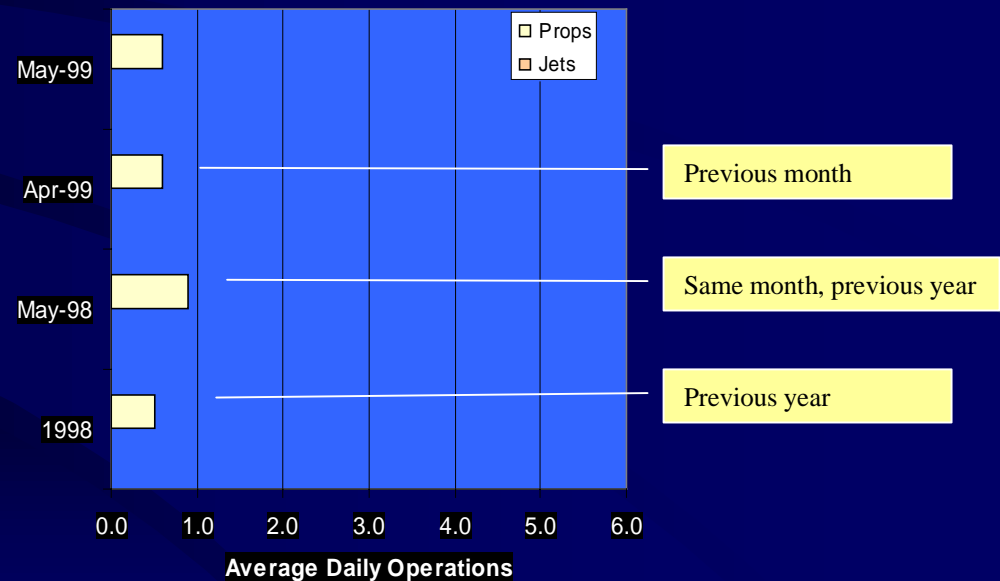
Aircraft departing to west to maintain runway heading past shoreline before turning south



Recent Compliance

May-99 **99.94%**

Historical Performance (average day):



Sample - Early Turns Over Playa Del Rey



Data from May 1 - May 7, 1999. All "early turns" shown are turboprop aircraft.

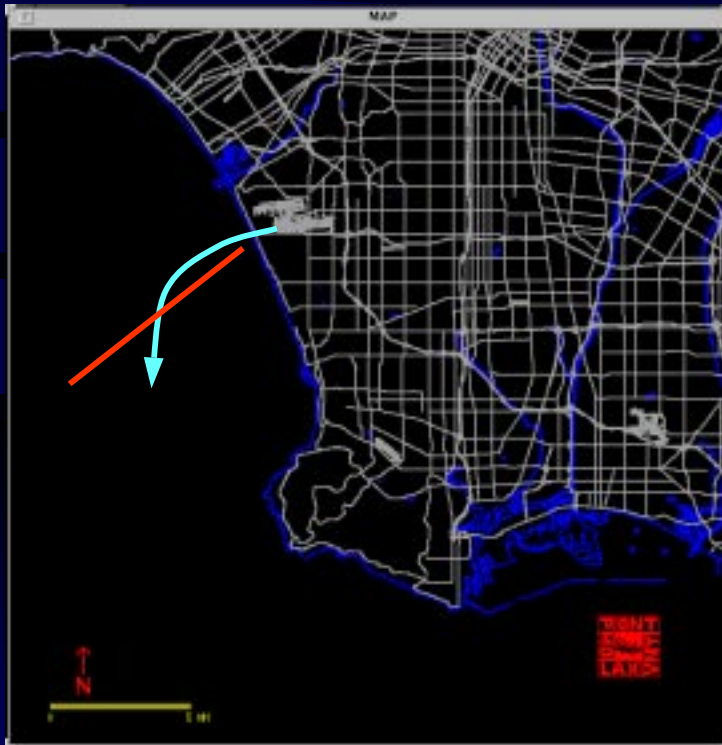
- In October 98, the "gate" used for northern-boundary early turns is shifted slightly south, following a request from City Council staff and the public. This sets it a comparable distance from the runway as the boundary on the south
- As a result, three out of the seven gate penetrations did not overfly Playa Del Rey residences
- One "early turn" operation per day
- No jet "early turns" found

LAX R-210 Departure Policy

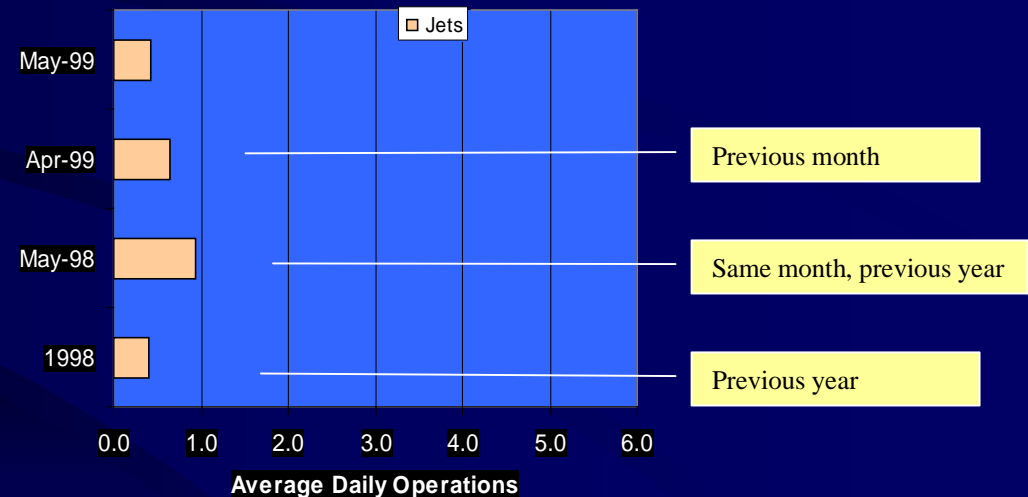
Jet aircraft departing to west to
reach 4000 feet before
commencing turn south

Recent Compliance

May-99 99.96%



Historical Performance (average day):



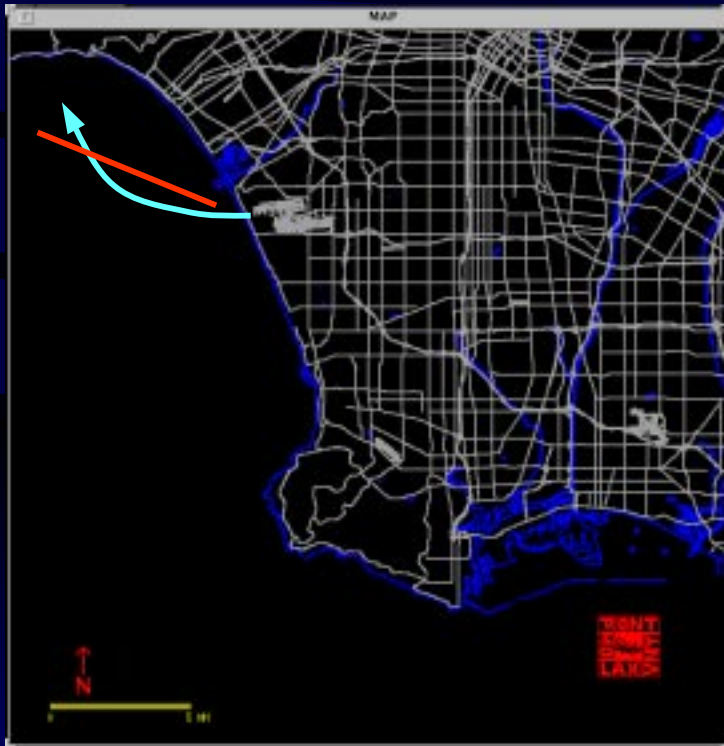
LAX R-270 Departure Policy

Jet aircraft departing to west to reach 3000 feet before commencing turn north

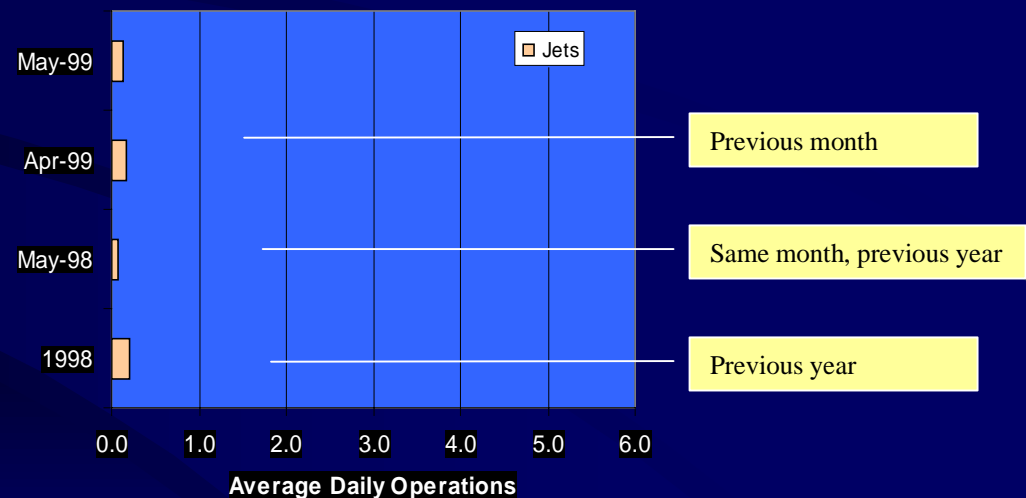
Recent Compliance

May-99

99.99%

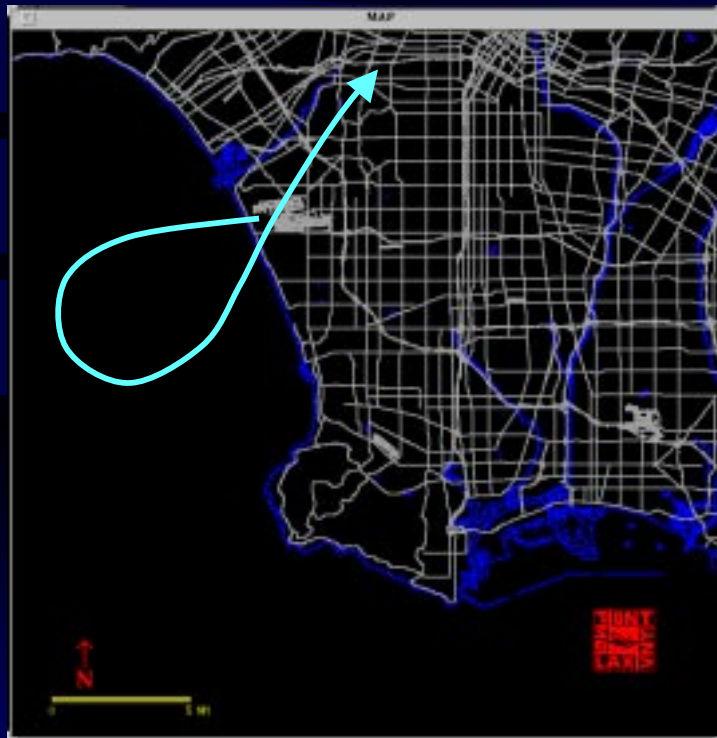


Historical Performance (average day):



LAX Loop Departure - Altitude

Aircraft using loop departure
to reach 10,000 feet before
re-crossing shoreline

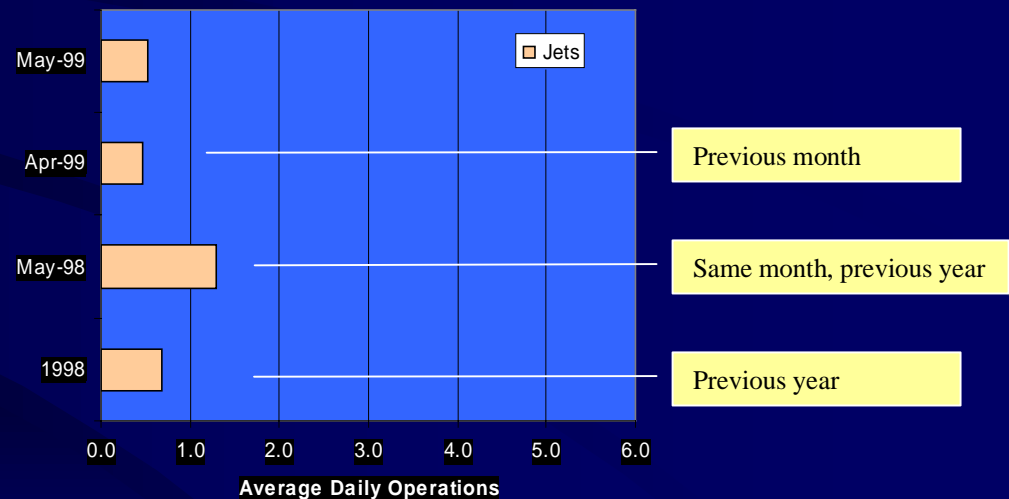


Recent Compliance

May-99

99.6%

Historical Performance (average day):



LAX Loop Departure - Time of Day

Departure procedure to be used
between 0700 - 2100 only

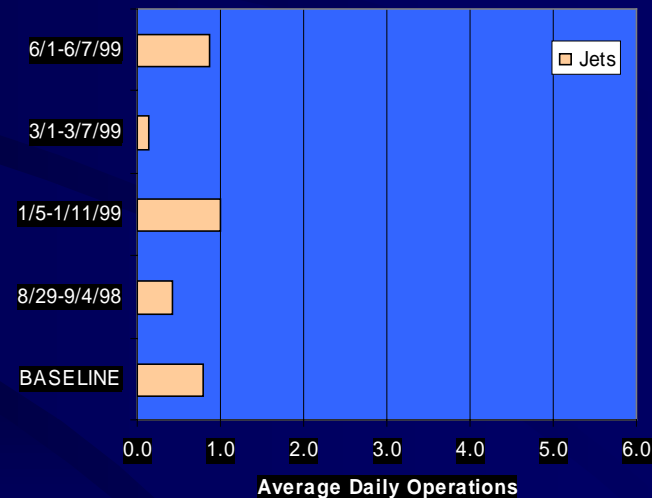
Recent Compliance

June-99

99.3%



Historical Performance (average day):



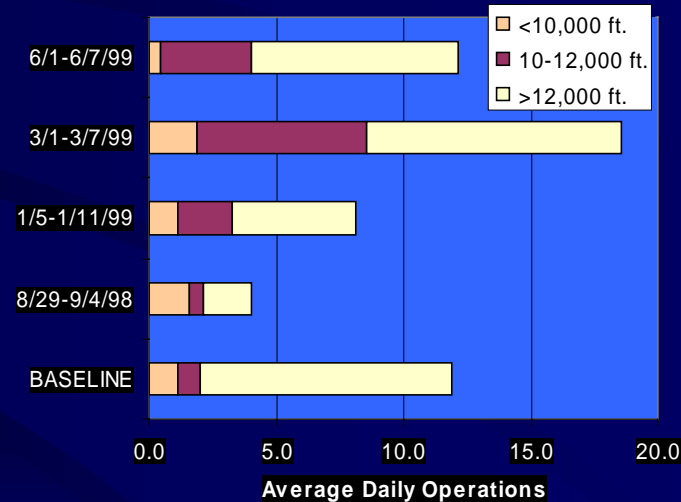
LAX Loop Departure - Manhattan Beach

Monitoring loop departures
overflying community

Occurrence Rate
June-99 9.7%

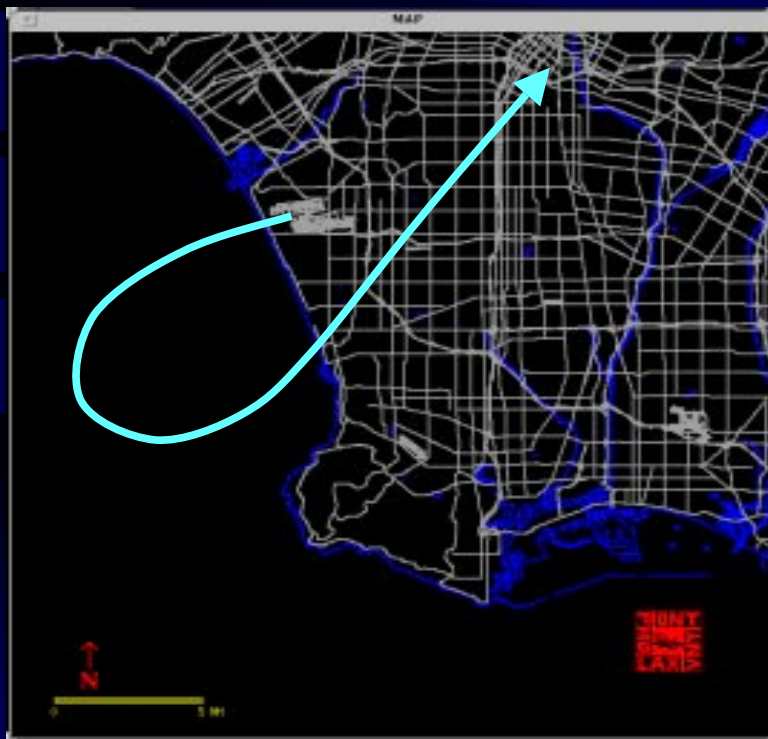


Historical Performance (average day):



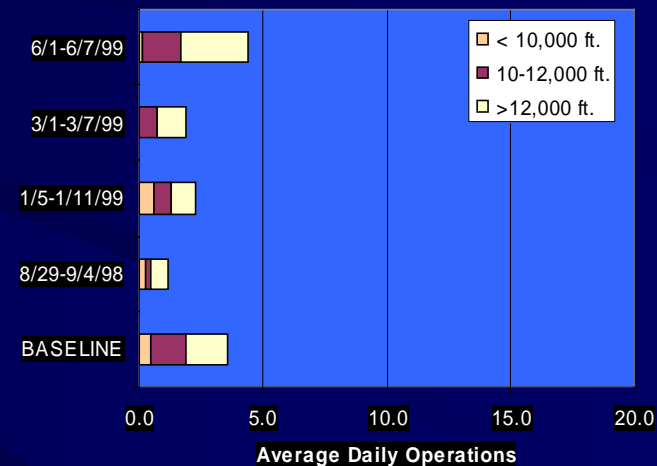
LAX Loop Departure - Hermosa Beach

Monitoring loop departures
overflying community



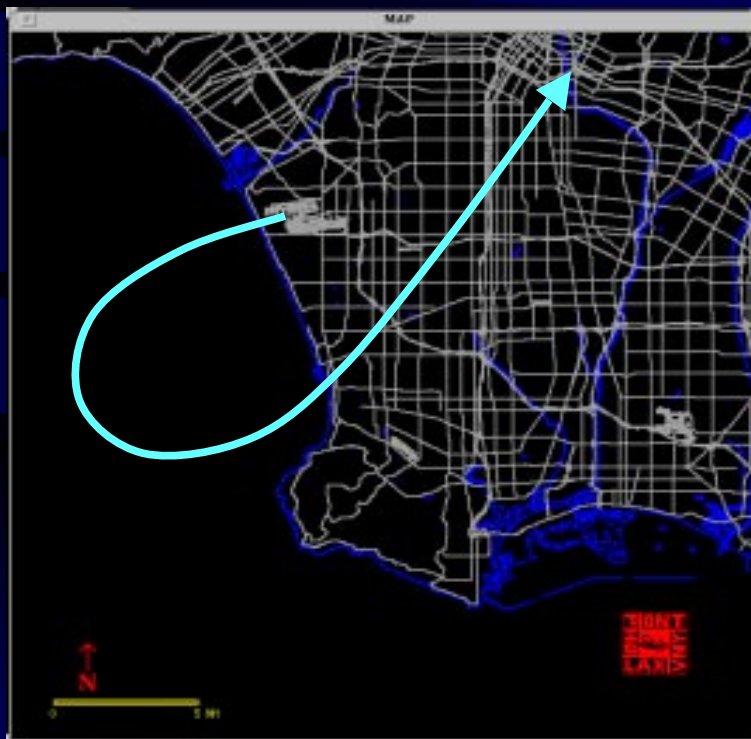
Occurrence Rate
June-99 3.5%

Historical Performance (average day):



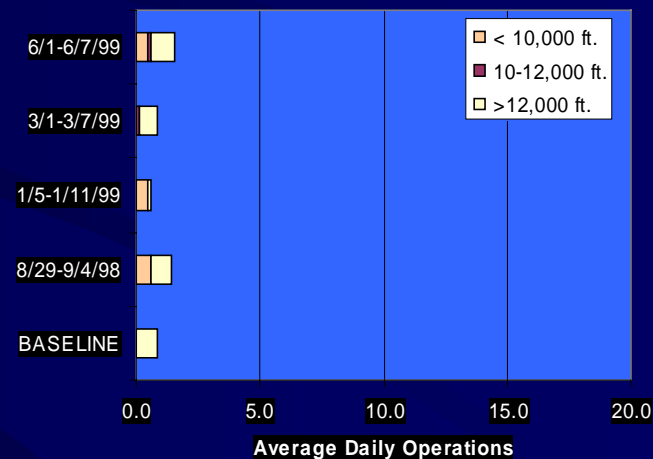
LAX Loop Departure - Redondo Beach

Monitoring loop departures
overflying community



Occurrence Rate
June-99 0.7%

Historical Performance (average day):



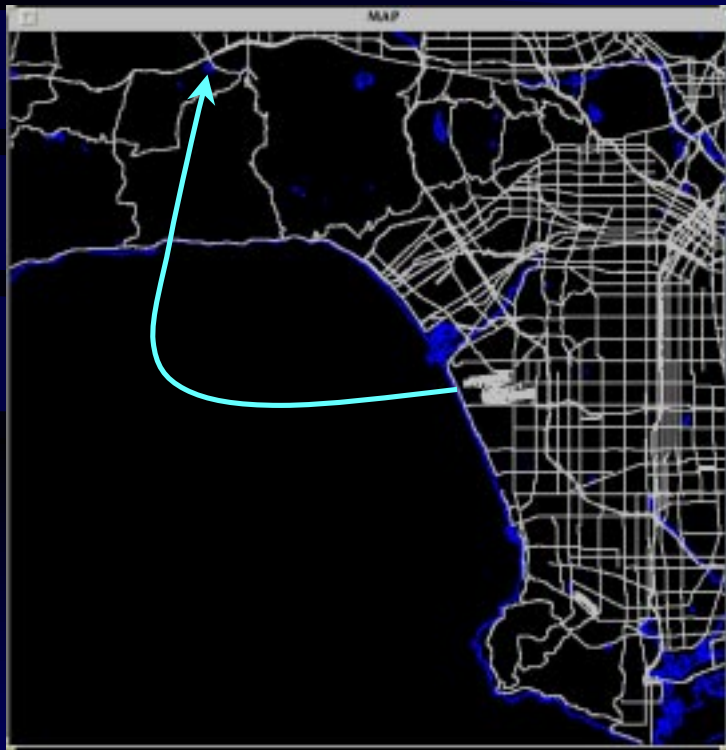
Gorman Departures - Time of Day

Jets to utilize the Gorman departure between 0700 and 2100 only

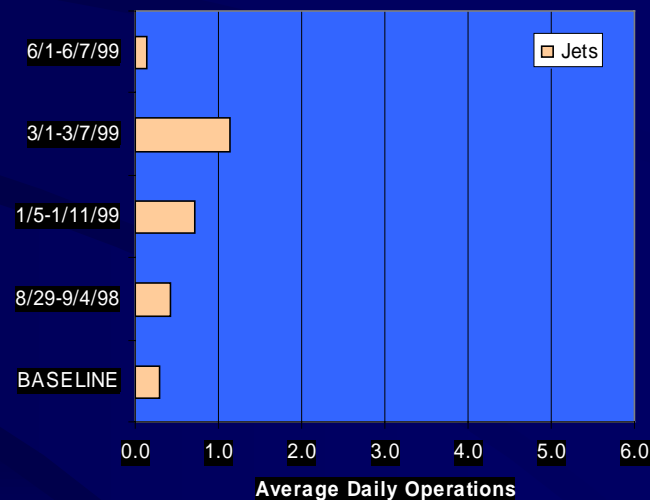
Recent Compliance

June-99

99.8%



Historical Performance (average day):



LAX Arrivals Over SMO

Arriving aircraft to be at or above 5000 feet over SMO

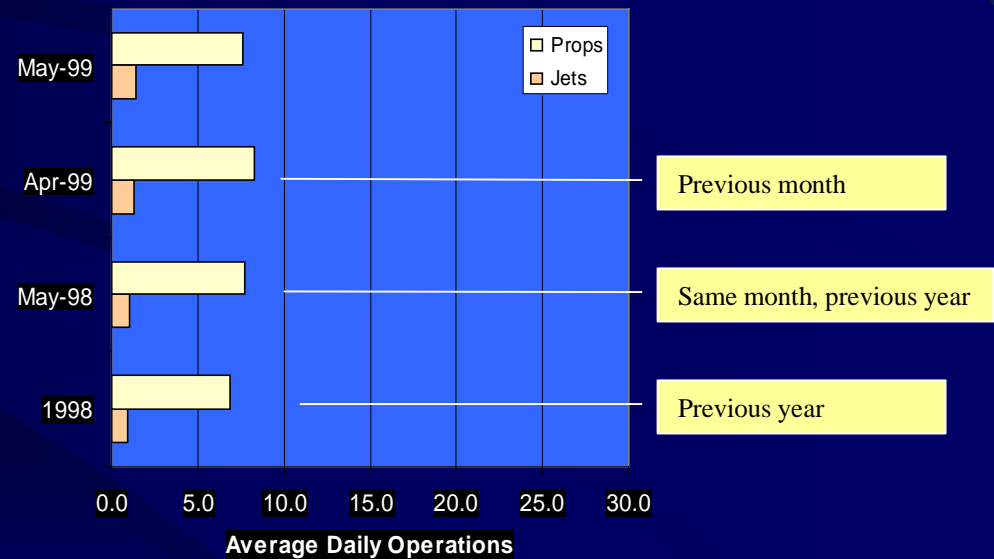
Recent Compliance

May-99

97.2%



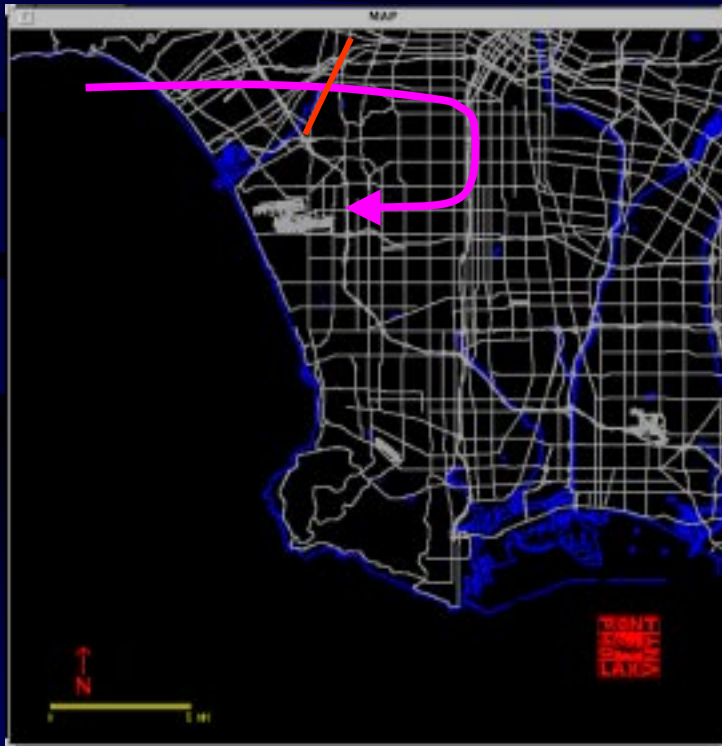
Historical Performance (average day):



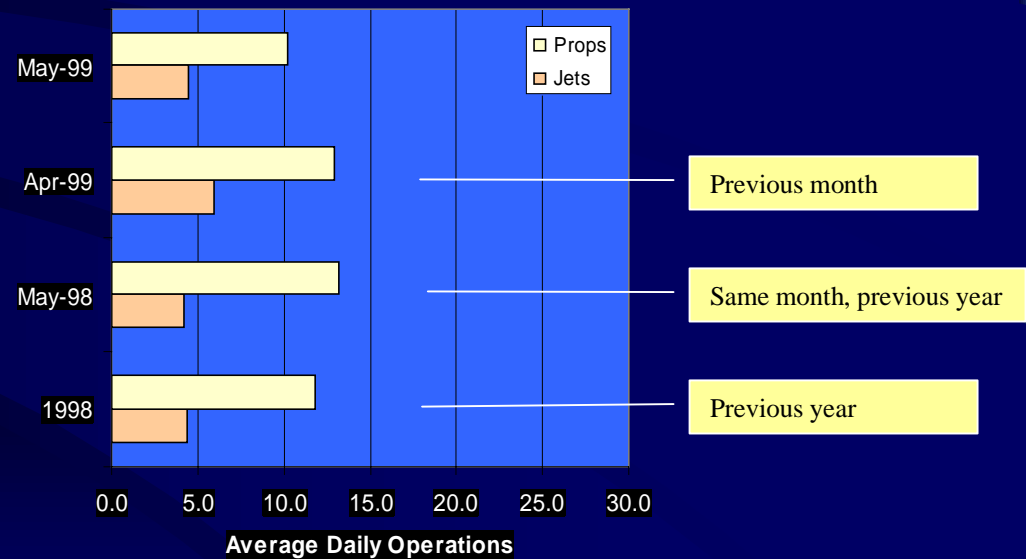
LAX Arrivals Over 009 Radial

Arriving aircraft to be at or
above 5000 feet at LAX 009
Radial

Recent Compliance
May-99 **95.5%**



Historical Performance (average day):



Short Turn Arrivals

Arriving jet aircraft to fly base leg of arrival over or east of the Harbor Freeway

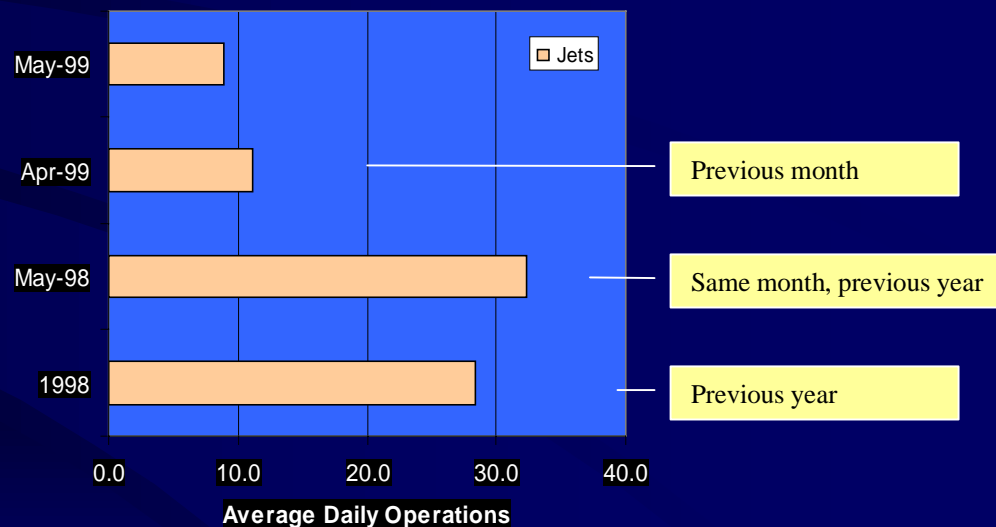


Recent Compliance

May-99

96.1%

Historical Performance (average day):



Arrival Altitude at Outer Marker

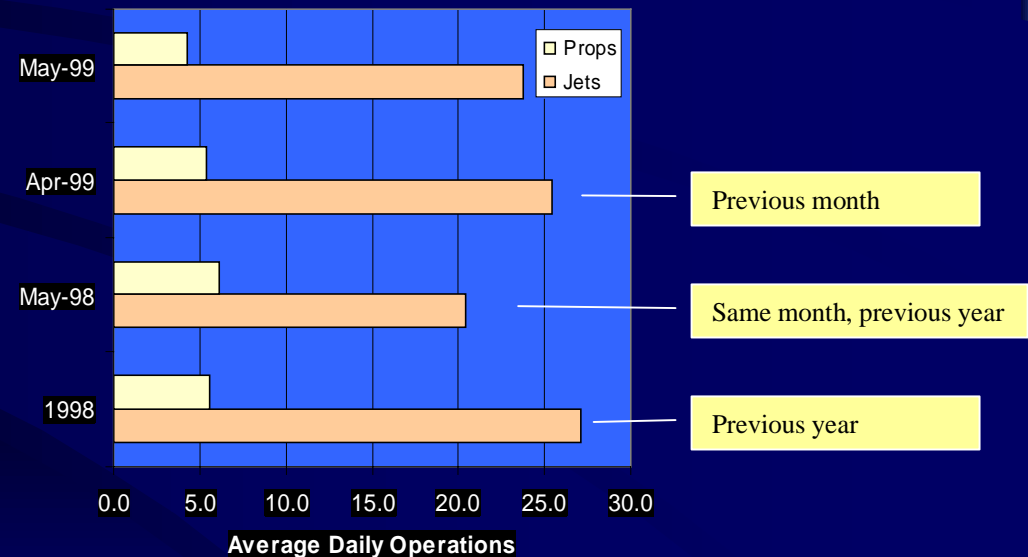
Aircraft at or above ILS
glideslope at the outer marker

Occurrence Rate

May-99 **97.2%**



Historical Performance (average day):



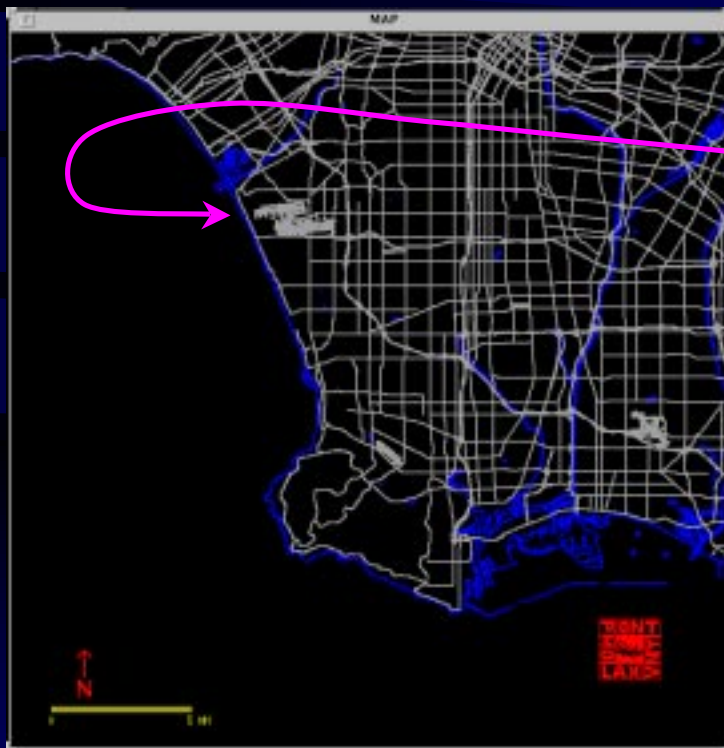
Over-ocean Arrivals Between 0000-0630

Over-ocean arrivals between
0000-0630 - deviations for
weather and maintenance only

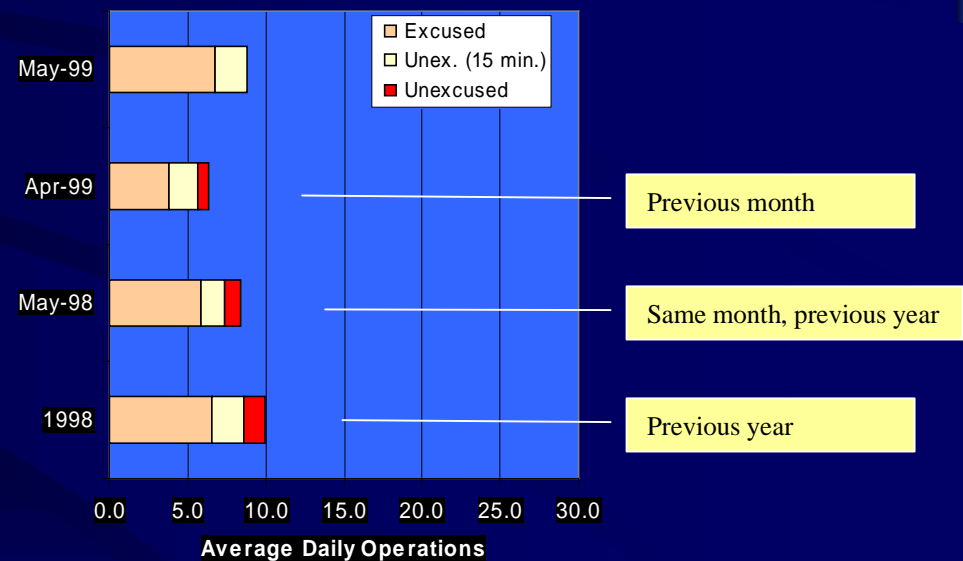
Recent Compliance

May-99

93.0%



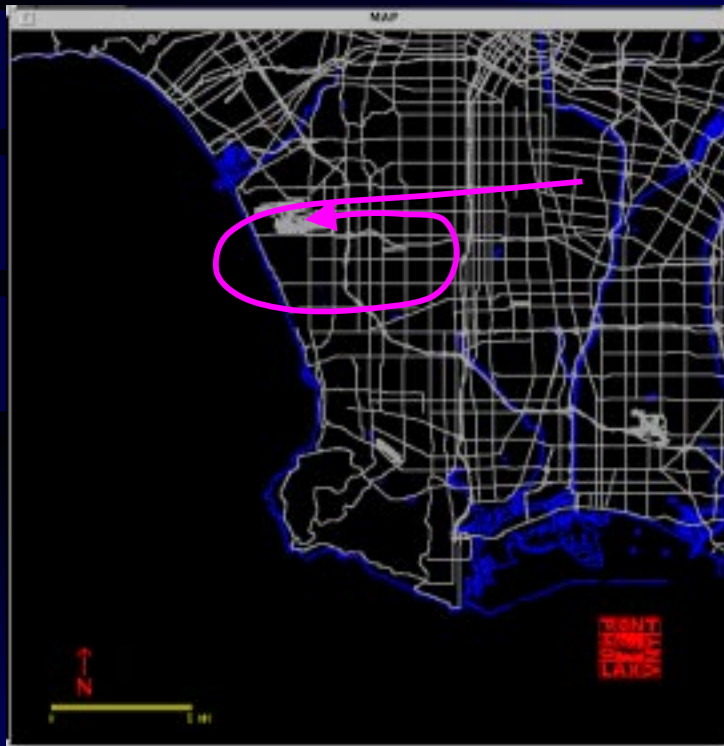
Historical Performance (average day):



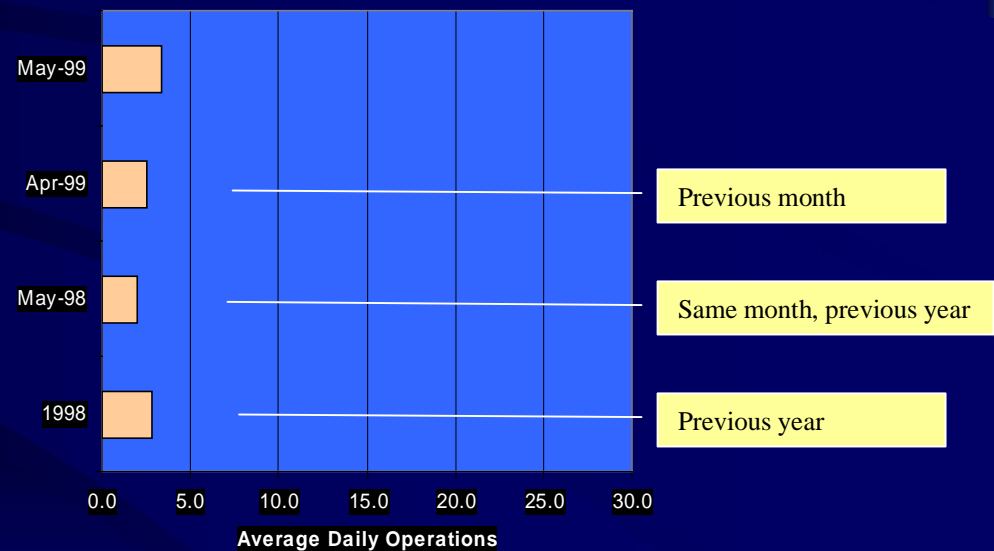
Go-Arounds

Monitoring pilot or ATC
initiated go-arounds or missed
approaches

Occurrence Rate
May-99 0.3%



Historical Performance (average day):



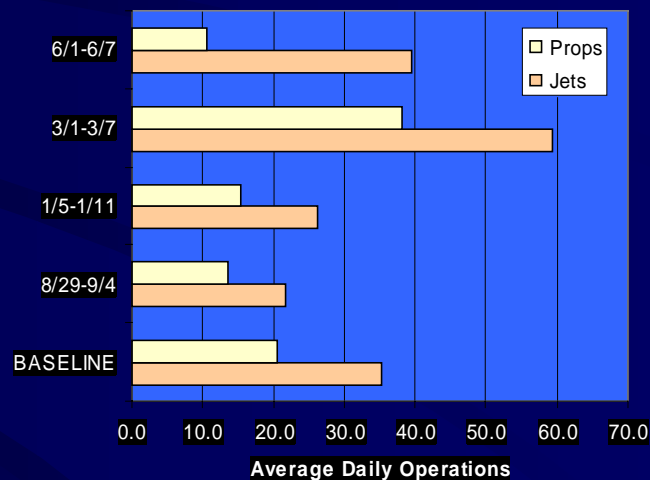
Monterey Park

Monitoring north arrivals
extending downwind over
Monterey Park boundary



Occurrence Rate
June-99 17.3%

Historical Performance (average day):



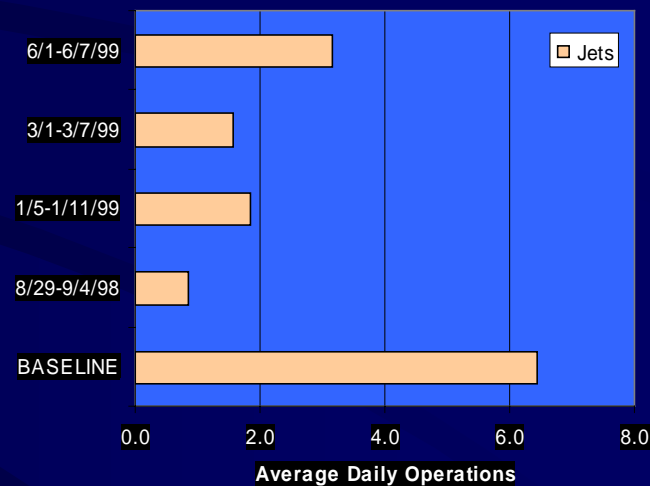
Palos Verdes - Jets

Departing jets to fly around peninsula unless at or above 13,000 feet



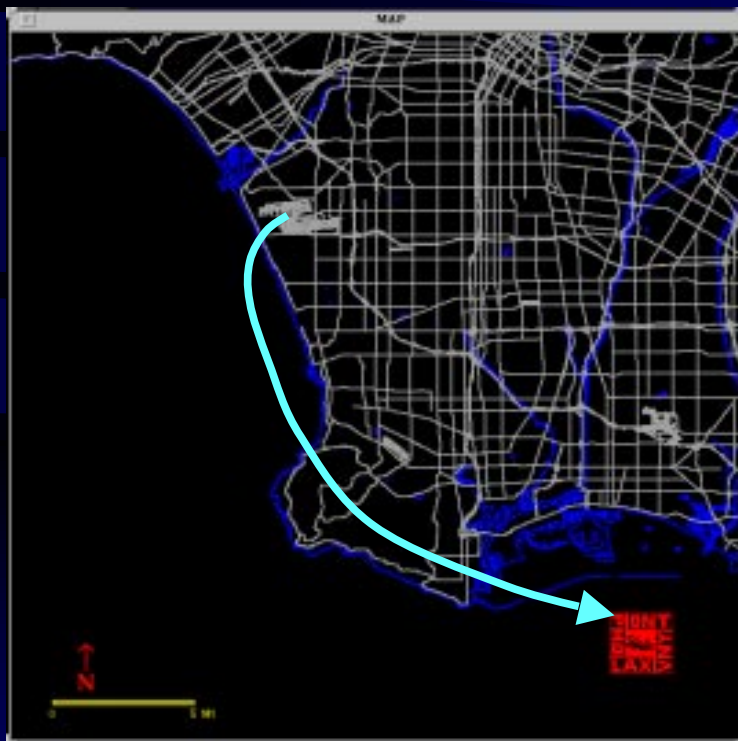
Occurrence Rate
June-99 1.0%

Historical Performance (average day):



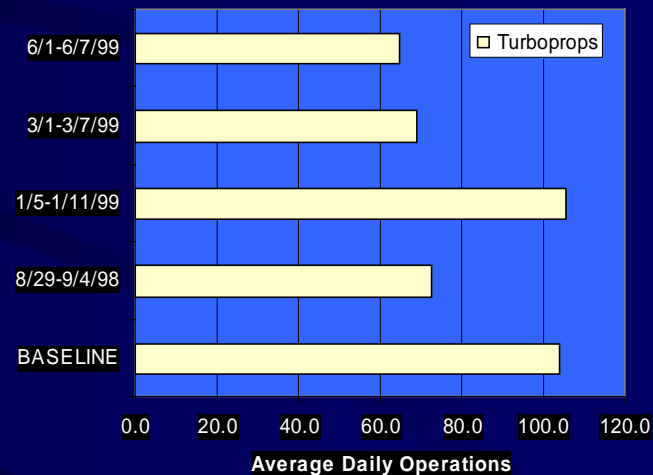
Palos Verdes - Turboprops

Monitoring southbound
turboprops departing LAX that
overfly Peninsula



Occurrence Rate
June-99 51.4%

Historical Performance (average day):



Claremont Overflights

Monitoring jet departures over
Claremont

Occurrence Rate
May-99 3.2%



Historical Performance (average day):

